

**PRINTER RUSH**  
(PTO ASSISTANCE)

Application : <u>09/915934</u>	Examiner : <u>V4</u>	GAU : <u>2142</u>
From : <u>NRB</u>	Location : <u>IDC</u> FMF FDC	Date : <u>1-18-06</u>
Tracking # : <u>epm 09915934</u>		Week Date : <u>12-5-05</u>

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input checked="" type="checkbox"/> SPEC	<u>7-25-01</u>	

[RUSH] MESSAGE: Specification page 1, paragraph [0001],  
has docket no. only and is missing  
application number.

Thank you,  
NRB

[XRUSH] RESPONSE:

Done

INITIALS: NRB

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REV 10/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR PATENT

**Method for Establishing a Communication Network Based  
on Topographic Network Devices and for  
Transmitting a Message Through Same**

Inventors: Julie E. Fouquet  
Ian Hardcastle

**Related Disclosure**

[0001] This disclosure is related to the simultaneously-filed disclosure entitled  
*Communication Network Based on Topographic Network Devices* of inventors  
Julie E. Fouquet and Ian Hardcastle (~~Attorney Docket No. 10004253~~) and  
that is incorporated herein by reference.

**Background of the Invention**

[0002] The main elements of networks for communicating sets of information  
data are network devices and communication links. The network devices  
include end-user devices and routers. Routers control the flow of data traffic in  
the network, between networks and between the network and the end-user  
devices. Basic information on routers and their use in networks is disclosed by  
Radia Perlman in the book entitled *INTERCONNECTIONS*, the second edition of  
which was published by Addison-Wesley in 1999.

[0003] Messages containing information are transmitted through the network  
in data sets known in the art by such names as packets, frames, cells and  
protocol data units. In this disclosure, the term *packet* will be used to describe  
such data sets. Each packet includes a header that includes a destination  
address. Each router has a number of channels through each of which the  
router receives messages from, and transmits messages to, the network device